

PO Job Risk Assessment

Name(s) of Risk Team Members: Y. Cai, R. Gill, A. Hoffman, S. Park, K. Klaus (facilitator)	Point Value → Parameter ↓	1	2	3	4	5
Job Title: Satellite and 90-Day area operation Job Number or Job Identifier: PO-JRA-014	Frequency (B)	≤once/year	≤once/month	≤once/week	≤once/shift	>once/shift
Job Description: Operating and maintaining 90-Day and satellite hazardous waste accumulation areas in Physics	Severity (C)	First Aid Only	Medical Treatment	Lost Time	Partial Disability	Death or Permanent Disability
Training and Procedure List (Optional): RCRA 90-Day Area Manager, Hazardous Waste Generator Training, Lab Standard Training, SBMS Subject Area Hazardous Waste Management, SBMS Subject Area Working with Chemicals	Likelihood (D)	Extremely Unlikely	Unlikely	Possible	Probable	Multiple
Rev. #: 0	Date: March 10, 2005					
Stressors (if applicable, please list all):		Reason for Revision (if applicable):			Comments:	

				Before Additional Controls						After Additional Controls						
Job Step / Task	Hazard	Control(s)	Stressors Y/N	# of People A	Frequency B	Severity C	Likelihood D	Risk* AxBxCxD	Control(s) Added to Reduce Risk	Stressors Y/N	# of People A	Frequency B	Severity C	Likelihood D	Risk* AxBxCxD	% Risk Reduction

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Job Step / Task	Hazard	Control(s)	Stressors Y/N	# of People A	Frequency B	Severity C	Likelihood D	Risk* AxBxCxD	Control(s) Added to Reduce Risk	Stressors Y/N	# of People A	Frequency B	Severity C	Likelihood D	Risk* AxBxCxD	% Risk Reduction
Weekly inspection of 90-Day Area	Chemical injury to skin or eyes from hazardous waste	Procedures, compliance with regulations, training, CMS inventory, MSDS, volume controls, Fire/Rescue group response, PPE as required, locked or controlled areas, postings, labeling, proper containers, segregation, spill cleanup equipment available, Tier 1 inspections, 90-Day Area controls, contingency plan	N	1	3	2	2	12								
	Poisoning from toxic hazardous waste (inhalation, skin absorption)	Procedures, compliance with regulations, training, CMS inventory, MSDS, volume controls, Fire/Rescue group response, PPE as required, locked or controlled areas, postings, labeling, proper containers, segregation, spill cleanup equipment available, Tier 1 inspections, 90-Day Area controls, contingency plan	N	1	3	2	2	12								
	Cuts or chemical exposure due to broken containers	Use of procedures, proper PPE, training, use of proper containers, use of high quality containers, carefully handling chemical containers	N	1	3	2	2	12								

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Job Step / Task	Hazard	Control(s)	Stressors Y/N	# of People A	Frequency B	Severity C	Likelihood D	Risk* AxBxCxD	Control(s) Added to Reduce Risk	Stressors Y/N	# of People A	Frequency B	Severity C	Likelihood D	Risk* AxBxCxD	% Risk Reduction
Weekly inspection of 90-Day Area (cont'd)	Combustion or explosion of hazardous materials	Procedures, compliance with regulations, training, CMS inventory, MSDS, volume controls, Fire/Rescue group response, PPE as required, locked or controlled areas, postings, labeling, proper containers, segregation, spill cleanup equipment available, Tier 1 inspections, 90-Day Area controls, contingency plan	N	1	4	3	2	24								
Hazardous material handling (adding or removing waste) in satellite and 90-day areas	Mixing incompatible chemicals	Administrative controls, procedures, training, MSDS	N	1	3	2	1	6								
	Chemical injury to skin or eyes from hazardous waste	Procedures, compliance with regulations, training, CMS inventory, MSDS, volume controls, Fire/Rescue group response, PPE as required, locked or controlled areas, postings, labeling, proper containers, segregation, spill cleanup equipment available, Tier 1 inspections, 90-Day Area controls, contingency plan	N	1	3	2	2	12								

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Job Step / Task	Hazard	Control(s)	Stressors Y/N	# of People A	Frequency B	Severity C	Likelihood D	Risk* AxBxCxD	Control(s) Added to Reduce Risk	Stressors Y/N	# of People A	Frequency B	Severity C	Likelihood D	Risk* AxBxCxD	% Risk Reduction
Hazardous material handling (adding or removing waste) in satellite and 90-day areas (cont'd)	Breaking container while opening or handling, causing cuts or chemical exposure	Use of procedures, proper PPE, training, use of proper containers, use of high quality containers, carefully handling chemical containers	N	1	3	2	2	12								
	Poisoning from toxic hazardous waste (inhalation, skin absorption)	Procedures, compliance with regulations, training, CMS inventory, MSDS, volume controls, Fire/Rescue group response, PPE as required, locked or controlled areas, postings, labeling, proper containers, segregation, spill cleanup equipment available, Tier 1 inspections, 90-Day Area controls, contingency plan	N	1	3	2	2	12								
	Combustion or explosion of hazardous materials	Procedures, compliance with regulations, training, CMS inventory, MSDS, volume controls, Fire/Rescue group response, PPE as required, locked or controlled areas, postings, labeling, proper containers, segregation, spill cleanup equipment available, Tier 1 inspections, 90-Day Area controls, contingency plan	N	1	4	3	2	24								

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Job Step / Task	Hazard	Control(s)	Stressors Y/N	# of People A	Frequency B	Severity C	Likelihood D	Risk* AxBxCxD	Control(s) Added to Reduce Risk	Stressors Y/N	# of People A	Frequency B	Severity C	Likelihood D	Risk* AxBxCxD	% Risk Reduction
Hazardous material handling (adding or removing waste) in satellite and 90-day areas (cont'd)	Overexertion injuries caused by excessive lifting, pushing, pulling, holding, carrying	Training, PPE as required, work planning, manual lift weight limit	N	1	4	3	3	36								
Further Description of Controls Added to Reduce Risk:																
*Risk:	0 to 20 Negligible	21 to 40 Acceptable	41 to 60 Moderate				61 to 80 Substantial				81 or greater Intolerable					